H. van der Holst
Graphs whose positive semi-definite matrices have nullity at most two 1

F. Knüppel and K. Nielsen
k-fold anti-invariant subspaces of a linear mapping 13

O. Došlý, R. Hilscher and V. Zeidan
Nonnegativity of discrete quadratic functionals corresponding to symplectic difference systems 21

P.J. Wojciechowski
Directed maximal partial orders of matrices 45

M.C. Ho
A rough estimate for the spectral radius of the sampling operator . . 51

M.E. Hochstenbach and B. Plestenjak
Backward error, condition numbers, and pseudospectra for the multiparameter eigenvalue problem 63

J.K. Baksalary, O.M. Baksalary and X. Liu
Further properties of the star, left-star, right-star, and minus partial orderings 83

I.B. Jung, E. Ko, C. Li and S.S. Park
Embry truncated complex moment problem 95

K. Gallivan, A. Vandendorpe and P. Van Dooren
Model reduction via truncation: an interpolation point of view 115

J.W. van der Woude
On the existence of a common solution X to the matrix equations $A_iXB_j = C_{ij}$, $(i,j) \in \Gamma$ 135

Z.-y. Peng and X.-y. Hu
The reflexive and anti-reflexive solutions of the matrix equation $AX = B$ 147

B.L. Chalmers, M.P. Prophet and J.M. Ribando
Simplicial cones and the existence of shape-preserving cyclic operators 157

J.K. Baksalary, O.M. Baksalary and X. Liu
Further relationships between certain partial orders of matrices and their squares 171

S. Cheng and Y. Tian
Two sets of new characterizations for normal and EP matrices 181

Table of Contents continues

G. Resta and G. Sburlati
On the number of different permanents of some sparse (0, 1)-circulant matrices 197

R. Bhatia
On the exponential metric increasing property 211

B. Kalantari
Semidefinite programming and matrix scaling over the semidefinite cone 221

S. Akbari, H.-R. Fanaï and K. Mahmoudian
On the matrices with constant determinant and permanent over roots of unity 245

T. Furuta
Operator inequalities associated with $A \log A$ via Specht ratio 251

W.F. Trench
A note on asymptotic zero distribution of orthogonal polynomials . 275

X. Zhang
Linear operators that preserve pairs of matrices which satisfy extreme rank properties—a supplementary version 283

R. Cavazos-Cadena
An alternative derivation of Birkhoff's formula for the contraction coefficient of a positive matrix 291

T. Ando and T. Yamazaki
The iterated Aluthge transforms of a 2-by-2 matrix converge 299

F. Lu
Jordan triple maps 311

Author index to volume 375 319

CONTENTS direct This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**